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(71) Applicant (for all designated States except US): DANIELI & C. OFFICINE MECCANICHE S.P.A. [IT/IT]; Via Nazionale 41, I-33042 Buttrio (IT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): PARAMONOV, Andreevic Vladimir [RU/RU]; Parkovaya, 26/64, Moscow (RU). VINOGRADOV, Vitalij Polikorpovic [RU/RU]; Chusovskaya, 11/6 - 90, Moscow (RU). TAKHAUT-DINOV, Rafkat Spartakovic [RU/RU]; Khutorki, 9, Magnitogorsk (RU). FRIXIONE, Angelo [IT/IT]; Via Amendola, 44, I-16010 Sant Olcese (IT). TURCHETTO, Michele [IT/IT]; Piazza XX Settembre, 5, I-33043 Cividale Del Friuli (IT). FRIMPONG, Joseph [US/US]; Momingview Circle No. 9, Cantield, 44406 (US). KARPOV, Anatoliy Aleksandrovic [RU/RU]; Leningradskaya, 33/1-

12. Magnitogorsk (RU). GULJAEVA, Galina Sergeevna [RU/RU]: Krasnokazarmennaya 3/285, Moscow (RU).

- (74) Agents: CINQUANTINI, Bruno et al.; Notarbartolo & Gervasi S.p.A., Corso di Porta Vittoria 9, I-20122 Milan (IT).
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(54) Title: TIN PLATING ELECTROLYTE COMPOSITION AND METHOD FOR ELECTROPLATING SURFACES WITH TIN

(57) Abstract: The invention refers to a composition and method of electrolytic tinning in continuous a steel strip or plate with an electrolyte composition comprising the following components (g/l): Tin (in a form of tin sulfamate) 50-90, Sulfamic acid, free 40-100, Sulfates, in a form of SO<sub>4</sub><sup>2-</sup>0-15, Nitrogen-bearing block polymer 1-6, said block polymer being a copolymer of propylene oxide and ethylene oxide with molecular weight of 3950 to 6450 and "number of ethylene oxide links-to-number of propylene oxide links" ratio of 1.4-1.2:1.0 at initial buildup of required number of links from propylene oxide followed by oxyethylation.